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- 1. A casing adapter tool for connecting and sealing to a casing pipe at its lower end and to production or service equipment at its upper end, and for use with a well servicing equipment, comprising:
 - a generally tubular casing adapter body having an upper end and a lower end, said casing adapter body being formed with a central bore extending therethrough, the central bore providing a profile which forms a casing seal chamber at the lower end, and a barrier seal chamber located thereabove;
- lower connectors at the lower end of the casing adapter body for connecting and sealing to the casing pipe;
 - top connectors at the upper end of the casing adapter body for connecting and sealing to production or service equipment; and
- the barrier seal chamber having a profile to accommodate and seal to a first removable pressure barrier on removal of any well servicing equipment.
- The casing adapter tool of claim 1, wherein the barrier seal chamber has a profile to accommodate and seal to the first removable pressure barrier which is of a threaded, latched or snap ring type check valve or plug.
- 18 3. The casing adapter tool of claim 2, wherein the barrier seal chamber is sized to provide full bore access to the casing pipe.
- The casing adapter tool of claim 3, wherein the casing adapter body forms a fracturing seal chamber in the central bore above or below the barrier seal chamber, said fracturing seal chamber having a profile to permit a fracturing isolation tool to be run in and sealed against the central bore.
 - 5. The casing adapter tool of claim 1, wherein the casing adapter body includes an integral tubing head portion at its upper end, which tubing head portion provides the top connectors at its upper end for connecting to the production or service equipment, the tubing head portion being formed with a central bore which communicates with the central bore of the casing adapter so as to

- permit a fracture tool to be run therethrough, the central bore in the tubing head portion forming a
- tubing hanger chamber for sealing relationship with a tubing hanger, and wherein the tubing hanger
- 3 provides for installation of a second pressure barrier.

provides for installation of a second pressure barrier.

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- The casing adapter tool of claim 2, wherein the casing adapter body includes an integral tubing head portion at its upper end, which tubing head portion provides the top connectors at its upper end for connecting to the production or service equipment, the tubing head portion being formed with a central bore which communicates with the central bore of the casing adapter so as to permit a fracture tool to be run therethrough, the central bore in the tubing head portion forming a tubing hanger chamber for sealing relationship with a tubing hanger, and wherein the tubing hanger
- The casing adapter tool of claim 3, wherein the casing adapter body includes an integral tubing head portion at its upper end, which tubing head portion provides the top connectors at its upper end for connecting to the production or service equipment, the tubing head portion being formed with a central bore which communicates with the central bore of the casing adapter so as to permit a fracture tool to be run therethrough, the central bore in the tubing head portion forming a tubing hanger chamber for sealing relationship with a tubing hanger, and wherein the tubing hanger provides for installation of a second pressure barrier.
 - 8. The casing adapter tool of claim 4, wherein the casing adapter body includes an integral tubing head portion at its upper end, which tubing head portion provides the top connectors at its upper end for connecting to the production or service equipment, the tubing head portion being formed with a central bore which communicates with the central bore of the casing adapter so as to permit a fracture tool to be run therethrough, the central bore in the tubing head portion forming a tubing hanger chamber for sealing relationship with a tubing hanger, and wherein the tubing hanger provides for installation of a second pressure barrier.
 - 9. The casing adapter tool of claim 8, wherein the casing adapter body includes one or more sealed side ports between the tubing hanger chamber and the barrier seal chamber to provide for

1	access	to the casing pipe.			
2	10.	The casing adapter tool of claim 1, wherein:			
3		the bottom connectors to the casing pipe may include a slip lock connector, a welded			
4	connection, a threaded connection, a flange connection or a clamp connection;				
5		the casing adapter body may include an inwardly extending stop shoulder formed at the top			
6	of the	casing seal chamber in the central bore to protect the top of the casing pipe; and			
7		the top connectors to the production or service equipment may include a threaded, flange of			
8	clamp	connection.			
9	11.	The casing adapter tool of claim 8, wherein:			
10		the bottom connectors to the casing pipe may include a slip lock connector, a welded			
11	connec	ction, a threaded connection, a flange connection, or a clamp connection;			
12		the casing adapter body may include an inwardly extending stop shoulder formed at the top			
13	of the	casing seal chamber in the central bore to protect the top of the casing pipe; and			
14		the top connectors to the production or service equipment may include a threaded, flange of			
15	clamp	clamp connection.			